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DATE: 12/10/03
TO: Examiner V. Sick
COMPANY: US PTO
FROM: Mani Adeli
PAGES: 12 (including this page)

Examiner V. Sick:

Attached to this fax, please, find the 1449 Forms for the IDSs for SPLX.P0023 (submitted on 11/10/03, 11/05/03, 10/27/03, 9/26/03, and 9/15/03). We have noticed that IDSs take a long time to reach the Examiner, so we are forwarding you these IDSs to let you know that they are currently pending.

Regards,

Mani Adeli

Stattler, Johansen & Adeli LLP
P.O. Box 51860
Palo Alto, CA 94303-0728

Phone No. (650) 752-0990 x102
Fax No. (650) 752-0995

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/040,963
				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	V. Siek
Sheet	1	of	1	Attorney Docket Number	SPLX.P0023

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code ² (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2002/0182844	A1	12-05-2002	Igarashi et al.	
	2.	2003/0053399	A1	01-02-2003	Igarashi et al.	
	3.	5,663,891		09-02-1997	Bamji et al.	
	4.	5,757,089		05-26-1998	Ishizuka	
	5.	5,889,677		03-30-1999	Yasuda et al.	
	6.	6,128,767		10-03-2000	Chapman	
	7.	6,226,560	B1	05-01-2001	Hama et al.	
	8.	6,519,751	B2	02-11-2003	Sriram et al.	
	9.	6,543,043	B1	04-01-2003	Wang et al.	

NON PATENT LITERATURE DOCUMENTS				
Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		7 ⁶
	10.	Hu, J. et al., A Timing-Constrained Algorithm for Simultaneous Global Routing of Multiple Nets, IEEE/ACM International Conference on Computer Aided Design. ICCAD – 2000, IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000, pp.99-103.		
	11.	Kastner, R. et al, Predictable Routing, IEEE/ACM International Conference on Computer Aided Design. ICCAD – 2000, IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000, pp. 110-113.		

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	1.	2001/0009 031	A1	07-19-2001	Nitta et al.	
	2.	4,593,363		06-03-1986	Burstein et al.	
	3.	5,267,176		11-30-1993	Antreich et al.	
	4.	5,618,744		04-08-1997	Suzuki et al.	
	5.	5,566,078		10-15-1996	Ding et al.	
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	8.	5,637,920		06-10-1997	Loo	
	9.	5,640,327		06-17-1997	Ting	
	10.	5,784,289		07-28-1998	Wang	
	11.	5,798,936		08-25-1998	Cheng	
	12.	5,838,583		11-1998	Varadarajan et al.	
	13.	5,980,093		11-09-1999	Jones et al.	
	14.	6,150,193		11-21-2000	Glenn	
	15.	6,209,123	B1	03-27-2001	Maziasz et al.	
	16.	6,219,832	B1	04-17-2001	Buzbee	
	17.	6,249,902	B1	06-19-2001	Igusa et al.	
	18.	6,253,363	B1	06-26-2001	Gasarov et al.	
	19.	6,295,634	B1	09-25-2001	Matsumoto	
	20.	6,307,256		10-23-2001	Chiang et al.	
	21.	6,316,838	B1	11-13-2001	Ozawa et al.	

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				Examiner Name	V. Siek
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U.S. PATENT DOCUMENTS						
	22.	6,324,675	B1	11-27-2001	Dutta et al.	
	23.	6,327,693	B1	12-04-2001	Cheng et al.	
	24.	6,330,707		12-11-2001	Shinomiya et al.	
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	26.	6,415,422	B1	07-02-2002	Mehrotra et al.	
	27.	6,442,743	B1	08-27-2002	Sarrafzadeh et al.	
	28.	6,448,591	B1	09-10-2002	Juengling	
	29.	6,473,891	B1	10-29-2002	Shively	
	30.	6,480,991	B1	11-12-2002	Cho et al.	
	31.	6,490,713	B2	12-03-2002	Matsumoto	
	32.	6,546,540	B1	04-08-2003	Igarashi et al.	
	33.	6,557,145	B2	04-29-2003	Boyle et al.	
	34.	6,567,967	B2	05-20-2003	Greidinger et al.	

FOREIGN PATENT DOCUMENTS								
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		Office ²	Number ⁴	Kind Code (if known) ³				
	35.	JP	411296560	A	10-29-1999	Matsumoto et al.	with English translation of Abstract;	
	36.	JP	2000-82743		03-21-2000	Igarashi et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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FOREIGN PATENT DOCUMENTS								
	37.	JP	H03-173471		07-26-1991	Tawada et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	38.	JP	H05-243379		09-21-1993	Masako Kuboto	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	39.	JP	H05-102305		04-23-1993	Akihiro Sato	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	40.	JP	H07-86407		03-31-1995	Shinpei Miura	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	41.	JP	H09-162279		06-20-1997	Masaaki Yoshida	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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NON PATENT LITERATURE DOCUMENTS

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	42.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
	43.	Brady, L. et al., Channel Routing on a 60° Grid, extended abstract, pp. 956-931.	
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	46.	Chen, H. et al., Physical Planning of On-Chip Interconnect Architectures, 2002, IEEE, International Conference, pp. 30-35.	
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NON PATENT LITERATURE DOCUMENTS		
56.	Khoo, K. et al., An Efficient Multilayer MCM Router Based on Four-Via Routing, 30 th ACM/IEEE Design Automation Conference, 1993, pp. 590-595.	
57.	Lillis, J. et al., Table-Lookup Methods for Improved Performance-Driven Routing, 1998, pp. 368-373.	
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69.	Tseng, H., Timing and Crosstalk Driven Area Routing, pp. 378-381.	

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	74.	Zhou, H. et al., An Optimal Algorithm for River Routing with Crosstalk Constraints, 1996.	
	75.	Zhou, H. et al., Global Routing with Crosstalk Constraints, Department of Computer Sciences, University of Texas, 1998, pp. 374-377.	
	76.	Zhou, H. et al., Optimal River Routing with Crosstalk Constraints, ACM Transactions on Design Automation of Electronic Systems, vol. 3, No. 3, July 1998, pp. 496-514.	

Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/040,963	
			Filing Date	1/5/02	
			First Named Inventor	Steven Teig	
			Group Art Unit	2825	
			Examiner Name	Vuthe Siek	
Sheet	1	of	1	Attorney Docket Number	SPLX.P0023

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	1.	Kastner R et al.: "Predictable Routing" IEEE/ACM International Conference on Computer Aided Design. ICCAD - 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000. Pages 110-113.	
	2.	Jiang Hu et al.: "A Timing-Constrained algorithm for Simultaneous Global Routing of Multiple Nets" IEEE/ACM International Conference on Computer Aided Design. ICCAD - 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA USA, 5-9 Nov. 2000. Pages 99-103.	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/040,963	
			Filing Date	1/5/02	
			First Named Inventor	Steven Teig	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	SPLX.P0023

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No.	U.S. Patent Document Number	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
	1.	2003/0101428 S/N 10/040,915	01-05-2002	Steven Teig et al.	Previously specified
	2.	2003/0043827 S/N 10/040,953	01-05-2002	Steven Teig et al.	Previously specified
	3.	2003/0023943 S/N 10/040,954	01-05-2002	Steven Teig et al.	Previously specified
	4.	2002/0174412 S/N 10/041,942	01-07-2002	Steven Teig et al.	Previously specified
	5.	2003/0088844 S/N 10/041,957	01-07-2002	Steven Teig et al.	Previously specified
	6.	2002/0199165 S/N 10/046,864	01-13-2002	Steven Teig et al.	Previously specified
	7.	2003/0056187 S/N 10/047,982	01-14-2002	Steven Teig et al.	Previously specified
	8.	2002/0073390 S/N 09/737,210	12-13-2000	Steven Teig et al.	Previously specified
	9.	2002/0124231 S/N 09/739,580	12-15-2000	Steven Teig et al.	Previously specified
	10.	2003/0121015 S/N 09/745,067	12-19-2000	Steven Teig et al.	Previously specified
	11.	2002/0166105 S/N 10/040,948	01-05-2002	Steven Teig et al.	Previously Specified
	12.	2003/0088841 S/N 10/329,241	12-23-2002	Steven Teig et al.	Previously specified
	13.	2003/0088845 S/N 10/047,978	01-13-2002	Steven Teig et al.	Continuation of the parent application (2003/0079193) of the present application.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/040,963	
			Filing Date	1/5/02	
			First Named Inventor	Steven Teig	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	SPLX.P0023

U.S. PATENT DOCUMENTS						
Examiner's Initials	Cite No.	U.S. Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
		Number Code (if known)	Kind (if known)			
	1.	2003/0079193		12/07/2001	Steven Teig et al.	Parent application; present application is a continuation of 2003/079193
	2.	2003/0018947		12/07/2001	Steven Teig et al.	Application filed on the same day as the parent application 2003/0079193, with the same specification as the present application except for summary and abstract
	3.	2002/0147958		10/19/2001	Steven Teig et al.	Parent application per the preliminary amendment dated 2/19/03
	4.	2003/0063614		01/04/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract
	5.	2003/0064559		01/04/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract
	6.	2003/0063568		01/04/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract
	7.	2003/0101428		01/05/2002	Steven Teig et al.	Continuation of 2003/0079193
	8.	2002/0166105		01/05/2002	Steven Teig et al.	Continuation of 2003/0079193
	9.	2003/0043827		01/05/2002	Steven Teig et al.	Continuation of 2003/0079193
	10.	2003/0023943		01/05/2002	Steven Teig et al.	Continuation of 2003/0079193
	11.	2002/0174412		01/07/2002	Steven Teig et al.	Continuation of 2003/0079193
	12.	2003/0088844		01/07/2002	Steven Teig et al.	Continuation of 2003/0079193
	13.	2002/0199165		01/13/2002	Steven Teig et al.	Continuation of 2003/0079193
	14.	2003/0066043		01/13/2002	Steven Teig et al.	Continuation of 2003/0088844 per preliminary amendment
	15.	2003/0115566		01/13/2002	Steven Teig	Continuation of 2003/0088844 per preliminary amendment

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Substitute for form 1449A/PTO				Application Number	10/040,963
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	SPLX.P0023

U.S. PATENT DOCUMENTS					
16.	2003/0056187	01/14/2002	Steven Teig et al.	Another continuation of 2003/0079193	
17.	2003/0066044	01/13/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract	
18.	2003/0066045	01/13/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract	
19.	2002/0133798	12/06/2000	Steven Teig et al.	Application regarding related placement technology	
20.	2002/0100007	12/06/2200	Steven Teig et al.	Application regarding related placement technology	
21.	2002/0073390	12/13/2000	Steven Teig et al.	Application regarding related placement technology	
22.	S/N 09/737,220	12/13/2000	Steven Teig et al.	Application regarding related placement technology	
23.	S/N 09/737,245	12/13/2000	Steven Teig et al.	Application regarding related placement technology	
24.	S/N 09/739,460	12/15/2000	Steven Teig et al.	Application regarding related placement technology	
25.	2002/0124231	12/15/2000	Steven Teig et al.	Application regarding related placement technology	
26.	S/N 09/739,589	12/15/2000	Steven Teig et al.	Application regarding related placement technology	
27.	S/N 09/742,171	12/19/2000	Steven Teig et al.	Application regarding related placement technology	
28.	2003/0121015	12/19/2000	Steven Teig et al.	Application regarding related placement technology	
29.	2002/0069397	01/13/2002	Steven Teig et al.	Application regarding related placement technology	
30.	2002/0170027	02/20/2002	Steven Teig et al.	Application regarding related placement technology	
31.	2002/0157075	02/20/2002	Steven Teig et al.	Application regarding related placement technology	
32.	2003/0088841	12/23/2002	Steven Teig et al.	Application regarding related placement technology	

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